



**Minimum Hardware & Software Configuration for WASP3D software module NECTAR:**

**Processor:** Minimum Intel Core i3 processor or equivalent

**Motherboard:** Supported Mother board with require PCIe Slots

**RAM:** 4 GB

**Graphic card:** Internal/ Onboard

**Network Interfaces:** 1 GbE NIC

**Hard Drive:** SATA III 6 Gb/s 250GB

**SMPS:** As per Motherboard power requirement.

**Monitor:** Minimum 21" 1920 X 1080 Supported screen.

**Operating System:** Windows 10 or Windows 7 Pro International English Edition – 64-Bit recommended.

**Software prerequisites:**

Microsoft .NET framework 4.5.2 or above

Microsoft Message Queuing

Sentinel LDK Setup

**WASP3D modules with version:**

- WASP3D Common Controls
- WASP3D Kernel Controller (In Network)
- WASP3D Nectar Server (In Network) on Nectar Client Machine
- WASP3D Timer Add-in (on Nectar Add-in Machine)

**Technology:**

**Platform/third-party/open source components used:**

- Microsoft .NET framework 4.5.2 or above

**Communication Protocols:**

- TCP, Port Number: 50011

**Network Requirement:** Single IP Machine.

**Other Requirement:** WASP3D "Timer Add-in" requires station clock input in Output card for the time sync (LTC.ALTC & DLTC)